

SÉQUENCE LISTING

<110> CENTRO DE INGENIERIA GENETICA Y BIOTECNOLOGIA

<120> DNA fragments of the methylotrophic *Pichia pastoris* yeats ICL gene.

<130> Sequences Listing

<140> 2000/122

<141> 2000-05-26

<160> 10

<170> PatentIn Ver. 2.1

<210> 1

<211> 684

<212> DNA

<213> *Pichia pastoris*

<220>

<221> promoter

<222> (1)..(684)

<223> Sequence that contains the 5' regulatory region of ICL gene.

<400> 1

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gttttttcgta ggctcaaccn gttgaggtgt aactcttttag ngaaagggtg agattgattg 180
ttcgaagtag gggcctcaaa gggaaagaga aaaaaaaaaa tacaccgaag agttacgtaa 240
gcatatattt tttacgtaaa gcatgattga atttcagcag tattgtttta caaggctgat 300
gtcgtgtgcc aatcaaaaaca aaagagattc gcataatgcc ataattgggg tgtgtgggng 360
nccccnaaaa cgtctttctc atcatcatct gcaaccccca tcgaacctca ttaaatacaca 420
tgacttgtgc gatcctcggt caactcgttc cgtgcaccca ttccaccccg ggctgaccaa 480
cgcaagggtc tccgagagtc cgctacccca gatttatatc agcaaccagt cacctttttc 540
cgggcacgac tctatatgcc ctggaaaacc ggagacgatg agcctgacta taaaagggtga 600
cagaaccccc aactctgggt aatctcttca acaaatactt tattttcttt caattcaaag 660
aacacagtat caagtatatc aaga                                     684

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<210> 2

<211> 360

<212> DNA

<213> *Pichia pastoris*

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<221> terminator

<222> (1)..(360)

<223> Sequence that contains the 3'non-translated region of ICL gene.

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agttgcgatg aaagacttta caacctgttc accagagggt gcggtctact gattactaca 180
aacgacttgg ataaaatttt caattcaaaa tcaatatata aaaaaaaact taacatcact 240
gatgtttcac taaactcttt aaacgctcaa cctcagcttc caactogctc ttgcaaatca 300
gtaactcctc aactttgtct tccagttgac tcattctctt catcttctta gcccttgaac 360

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<211> 21

<212> DNA
 <213> Artificial sequence

 <220>
 <223> Description of the artificial sequence: oligonucleotide

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 <210> 4
 <211> 21
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 <220>
 <223> Description of the artificial sequence: oligonucleotide

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 gtncahgarg aycarttyaa r 21

 <210> 5
 <211> 27
 <212> DNA
 <213> Artificial sequence

 <220>
 <223> Description of the artificial sequence: oligonucleotide

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 ctgcaggaat taattcgcct tagacat 27

 <210> 6
 <211> 26
 <212> DNA
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 <210> 7
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 <210> 8
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